Insul-Lock HR Universal Primer

Safety Data Sheet

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Revision Date: 05/13/2015 Date of Issue: 07/06/15 Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Insul-Lock HR Universal Primer

Product Code: 7348

Intended Use of the Product

Water-based primer. For professional-use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

Supplier

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633

The Garland Company, Inc.
209 Carrier Drive
Toronto, Ontario M9W 5Y8
T-416-747-7995 800-387-5991
F-416-747-1980

Emergency Telephone Number

Emergency Number: 1-800-262-8200 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Flam. Liquids 2	H225
Eye Irrit. 2A	H319
STOT SE 3	H336

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :

Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) :
H225 – Highly flammable liquid and vapor
H319 – Causes serious eye irritation
H336 – May cause drowsiness or dizziness

Precautionary Statements (GHS-US) :
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P370 + P378 - In case of fire: Use Foam. Dry powder. Carbon dioxide (CO2). Dry

chemical.for extinction.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to an approved landfill.

Other Hazards

Other Hazards Not Contributing to the Classification: Not available

Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not available

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Isopropyl Alcohol	67-63-0	10-30	
Acrylic Polymer	Not established		

Full text of H-Phrases: See Section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: Move to fresh air.

First-aid Measures After Skin Contact: Wash off immediately with soap and plenty of water. Consult a physician if necessary

First-aid Measures After Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

First-aid Measures After Ingestion: Immediate medical attention is required.

Most Important Symptoms and Effects, Both Acute and Delayed

General: Eye contact, Skin contact, Ingestion.

Symptoms/Injuries After Inhalation: May cause irritation of respiratory tract.

Symptoms/Injuries After Skin Contact: Substance may cause slight skin irritation.

Symptoms/Injuries After Eye Contact: Irritating to eyes.

Symptoms/Injuries After Ingestion: May be harmful if swallowed.

Chronic Symptoms: Repeated contact may cause allergic reactions in very susceptible persons.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray, Carbon dioxide (CO2), foam, dry powder, water, dry chemical.

Unsuitable Extinguishing Media: Not available

Special Hazards Arising From the Substance or Mixture

Keep product and empty container away from heat and sources of ignition.

Advice for Firefighters

Precautionary Measures Fire: Not available

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Hazardous Combustion Products: Not available

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Handle in accordance with good industrial hygiene and safety practice.

For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Dike with inert absorbent material.

Methods for Cleaning Up: Soak up with inert absorbent material.

Reference to Other Sections

See Heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Incompatible Materials: Not available

Storage Area: Store in a dry, well-ventilated place.

Special Rules on Packaging: Keep only in original container.

Specific End Use(s)

For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Isopropyl Alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 980 mg/m^3 TWA: 400 ppm	STEL: 400 ppm TWA: 200 ppm	STEL: 1225 mg/m^3 STEL: 500 ppm TWA: 980 mg/m^3 TWA: 400 ppm

Chemical Name	NIOSH IDLH
Isopropyl Alcohol	2000 ppm

Engineering Measures Do not allow ventilation equipment to draw material odors indoors.

Personal Protective Equipment

Eye/face Protection Safety glasses with side-shields

Skin Protection Impervious gloves

Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment: Gloves. Protective goggles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	:	Liquid
Appearance	:	Red
Odor	:	Slight
Odor Threshold	:	Not available
pH	:	8
Relative Evaporation Rate (butyl acetate = 1)	:	Not available
Melting Point	:	Not available
Freezing Point	:	Not available
Boiling Point	:	Not available
Flash Point	:	Not available
Auto-ignition Temperature	:	Not available
Decomposition Temperature	:	Not available
Flammability (solid, gas)	:	Not available
Lower Flammable Limit	:	Not available
Upper Flammable Limit	:	Not available
Vapor Pressure	:	Not available
Relative Vapor Density at 68°F (20°C)	:	Not available
Relative Density	:	Not available
Specific Gravity	:	1
Solubility	:	Not available
Partition coefficient: n-octanol/water	:	Not available
Viscosity (Brookfield RV6, 20 RPM, 75°F)	:	Not available
Explosion Data – Sensitivity to Mechanical Impact	:	Not available
Explosion Data – Sensitivity to Static Discharge	:	Not available
Volatile Organic Compounds	:	< 250 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Open flames and intense heat

Incompatible Materials: None known.

Hazardous Decomposition Products: None under normal use.

SECTION 11: TOXICOLOGICAL INFORMATION

Information On Toxicological Effects – Product

Acute Toxicity

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl Alcohol	4396 mg/kg Rat	12800 mg/kg Rabbit 12800 mg/kg Rat	72.6 mg/L Rat 4 h
Water	90 mL/kg Rat		

Chronic Toxicity

Carcinogenicity There are no known carcinogenic chemicals in this product.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity – Ingredients

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Isopropyl Alcohol

Freshwater Algae Data

Scenedesmus subspicatus EC50>1000 mg/L (72 h)

Scenedesmus subspicatus EC50>1000 mg/L (96 h)

Microtox Data

Photobacterium phosphoreum EC50=35390 mg/L (5 min)

Water Flea Data

Daphnia magna EC50=13299 mg/L (48 h)

Persistence/Degradability Not available

Bioaccumulation/ Accumulation Not available

Mobility in Environmental Media Not available

Isopropyl Alcohol

log Pow = 0.05

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal

US EPA Waste Number: Not available

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT – Not regulated for transport

In Accordance with IMDG – Not regulated for transport

In Accordance with IATA – Not regulated for transport

In Accordance with TDG – Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

Chemical Name	SARA 313 - Threshold Values
Isopropyl Alcohol (CAS #: 67-63-0)	1.0%

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

State Regulations

California Proposition 65

WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Isopropyl Alcohol	X	X	X		X

Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR**.**

WHMIS Hazard Class

Not determined

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 07/21/2015

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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Cleveland, Ohio 44105-2197
T-800-762-8225

This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

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